

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|-------------------------------|---|------------------|---------|------------------|
| S1 | 1107 | (438/514).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/22 15:24 |
| S2 | 128 | S1 and memory | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/22 15:25 |
| S3 | 128 | S1 and memor\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/22 16:13 |
| S4 | 24 | S1 and (flash near5 memor\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/22 15:27 |
| S5 | 735 | (438/522).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/22 16:12 |
| S6 | 37 | S5 and memor\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/22 16:22 |
| S7 | 134 | S5 and dopant | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/22 16:22 |
| S8 | 739 | (438/527).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/22 16:22 |

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| S9 | 122 | S8 and memor\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/22 16:58 |
| S10 | 942 | (438/530).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/22 16:58 |
| S11 | 99 | S10 and memor\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/22 17:06 |
| S12 | 913 | (438/542).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/22 17:06 |
| S13 | 49 | S12 and memor\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/22 17:10 |
| S14 | 434 | (438/549).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/22 17:10 |
| S15 | 30 | S14 and memor\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/22 17:16 |
| S16 | 116 | (438/560).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/23 09:59 |
| S17 | 6 | ("5160996" "5283200" "5393683" "5474940" "5559050" "5898007").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/22 18:12 |
| S18 | 6 | ("6251718").URPN. | USPAT | OR | ON | 2005/08/22 18:18 |

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|-----|--------|--|---|----|----|------------------|
| S19 | 502507 | memory | USPAT | OR | ON | 2005/08/22 18:19 |
| S20 | 156326 | S19 and ((read adj only adj memory) rom) | USPAT | OR | ON | 2005/08/22 18:20 |
| S21 | 846 | S20 and flas | USPAT | OR | ON | 2005/08/22 18:21 |
| S22 | 29596 | S20 and flash | USPAT | OR | ON | 2005/08/22 18:21 |
| S23 | 21337 | S20 and (flash near3 memory) | USPAT | OR | ON | 2005/08/22 18:21 |
| S24 | 7851 | S23 and ((periphe\$3 logi\$3) and (cell core)) | USPAT | OR | ON | 2005/08/22 19:06 |
| S25 | 794 | S24 and ((ion dopant) near5 implant\$4) | USPAT | OR | ON | 2005/08/23 09:00 |
| S26 | 1630 | S24 and (ion dopant) | USPAT | OR | ON | 2005/08/23 08:55 |
| S27 | 1356 | S26 and (heat thermal diffusion anneal treatment) | USPAT | OR | ON | 2005/08/22 18:26 |
| S28 | 1338 | S26 and (heat thermal diffusion anneal) | USPAT | OR | ON | 2005/08/23 08:56 |
| S29 | 0 | S28 and (cumulat\$4 near5 anneal) | USPAT | OR | ON | 2005/08/23 08:55 |
| S30 | 77 | S28 and (cumulat\$4) | USPAT | OR | ON | 2005/08/22 18:28 |
| S31 | 1113 | S28 and (source and drain) | USPAT | OR | ON | 2005/08/22 18:56 |
| S32 | 164 | S28 and (periphery near3 (region area)) | USPAT | OR | ON | 2005/08/22 18:30 |
| S33 | 135 | S31 and ((decreas\$3 reduc\$3 smaller) near5 size near5 memory near5 cell) | USPAT | OR | ON | 2005/08/22 19:06 |
| S34 | 478 | S28 and ((periphe\$3 logi\$3) near4 (region area)) | USPAT | OR | ON | 2005/08/23 08:53 |
| S35 | 52 | S34 and ((decreas\$3 reduc\$3 shrink\$3 smaller) near5 size near5 memory near5 cell) | USPAT | OR | ON | 2005/08/22 19:08 |
| S36 | 99307 | flash near6 memory | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/23 08:53 |
| S38 | 1302 | S36 and (((periphe\$3 logi\$3) near4 (region area)) and ((cell core) near4 (region area))) | USPAT | OR | ON | 2005/08/23 15:55 |
| S39 | 2375 | S36 and ((periphe\$3 logi\$3) near4 (region area)) | USPAT | OR | ON | 2005/08/23 08:55 |
| S40 | 1031 | S39 and (ion dopant) | USPAT | OR | ON | 2005/08/23 08:55 |
| S41 | 0 | S40 and (cumulat\$4 near5 anneal) | USPAT | OR | ON | 2005/08/23 08:55 |
| S42 | 904 | S40 and (heat thermal diffusion anneal) | USPAT | OR | ON | 2005/08/23 08:59 |

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|-----|--------|--|---|----|----|------------------|
| S43 | 36 | S40 and ((different simulata\$6 each) near6 (heat thermal diffusion anneal)) | USPAT | OR | ON | 2005/08/23 09:04 |
| S44 | 918 | S38 and (heat thermal diffusion anneal) | USPAT | OR | ON | 2005/08/23 08:59 |
| S45 | 466 | S44 and ((ion dopant) near5 implant\$4) | USPAT | OR | ON | 2005/08/23 09:00 |
| S46 | 58 | S40 and ((different simulata\$6 each separate) near6 (heat thermal diffusion anneal)) | USPAT | OR | ON | 2005/08/23 09:18 |
| S47 | 119 | S40 and ((different simulata\$6 each separa\$4 plural\$3) near6 (heat thermal diffusion anneal)) | USPAT | OR | ON | 2005/08/23 09:19 |
| S48 | 87 | S40 and ((different simulata\$6 each separa\$4 plural\$3) near4 (heat thermal diffusion anneal)) | USPAT | OR | ON | 2005/08/23 09:54 |
| S49 | 97 | S40 and ((different simulata\$6 each separa\$4 plural\$3 several) near4 (heat thermal diffusion anneal)) | USPAT | OR | ON | 2005/08/23 09:54 |
| S50 | 823590 | (another second further) same (anneal\$3 thermal\$2 heat\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/23 15:49 |
| S51 | 904021 | (another second further) same (anneal\$3 thermal\$2 heat\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/23 15:49 |
| S52 | 273305 | (another second further) near5 (anneal\$3 thermal\$2 heat\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/23 15:50 |
| S53 | 239511 | (another second further) near4 (anneal\$3 thermal\$2 heat\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/23 15:50 |
| S54 | 196935 | (another second further) near3 (anneal\$3 thermal\$2 heat\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/23 16:00 |

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| S55 | 26580 | S53 and (memory rom (read adj only adj memory) dram sram) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/23 16:01 |
| S56 | 11923 | S55 and (dop\$3 impurit\$3 ion ionized) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/23 16:02 |
| S57 | 422 | S56 and (((periphe\$3 logi\$3) near4 (region area)) and ((cell core) near4 (region area))) | USPAT | OR | ON | 2005/08/23 16:02 |
| S58 | 371 | S56 and (((periphe\$3 logi\$3) near3 (region area)) and ((cell core) near3 (region area))) | USPAT | OR | ON | 2005/08/23 15:59 |
| S59 | 142547 | (another second further) near2 (anneal\$3 thermal\$2 heat\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/23 16:01 |
| S60 | 79812 | (another second further) near (anneal\$3 thermal\$2 heat\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/23 16:08 |
| S61 | 16139 | S59 and (memory rom (read adj only adj memory) dram sram) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/23 16:08 |
| S62 | 9100 | S60 and (memory rom (read adj only adj memory) dram sram) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/23 16:01 |
| S63 | 4118 | S62 and (dop\$3 impurit\$3 ion ionized) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/23 16:08 |
| S64 | 123 | S63 and (((periphe\$3 logi\$3) near4 (region area)) and ((cell core) near4 (region area))) | USPAT | OR | ON | 2005/08/23 16:08 |

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| S65 | 79812 | (another second further) near1 (anneal\$3 thermal\$2 heat\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/23 16:04 |
| S66 | 63530 | (another second further) adj (anneal\$3 thermal\$2 heat\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/23 16:08 |
| S67 | 7208 | S66 and (memory rom (read adj only adj memory) dram sram) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/23 16:08 |
| S68 | 3326 | S67 and (dop\$3 impurit\$3 ion ionized) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/23 16:08 |
| S69 | 107 | S68 and (((periphe\$3 logi\$3) near4 (region area)) and ((cell core) near4 (region area))) | USPAT | OR | ON | 2005/08/23 16:09 |
| S70 | 2 | ("20020102793").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/24 13:26 |